Supplemental Digital Content 3

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| A | B |
| C | D |
| E | F |
| **Figure S2: Expression of tight junction proteins in response to cell-free bacterial supernatants.** **A** shows the levels of junction proteins, claudin-4 and E-cadherin, in relation to beta tubulin as measured by western blot. Protein bands (not shown) were quantified by the gel analyzer tool in the Fiji distribution of ImageJ (version 1.52p). **B-F** show the change in mRNA levels of the tight junctions F11R, claudin-1 and 4, occludin and ZO-1 respectively, due to treatment of vaginal epithelial tissues with bacterial cell-free supernatant. LAB was *L. iners* and *L. crispatus* cell-free supernatant and non-LAB was *G. vaginalis* onlyand *G. vaginalis* combined with either *L. iners* or *L. crispatus*. When treatments were compared to media or between each other, there was no statistically significant difference. | |